

TRANSPORT RESEARCH FINLAND 2022

VIRTUAL CONFERENCE

June 7, 2022

Please note that all times are EEST (Eastern European Summer Time)
Organizers reserve rights for changes

OPENING

- 9:00 **OPENING WORDS**
Liisa-Maija Thompson, Director, Events & Ecological Sustainability, Finnish Road Association
Janne Tähtikunnas, Managing director, Finnish Association of Civil Engineers RIL
- 9:05 **Timo Harakka**, Minister of Transport and Communications
- 9:10 **Elina Holmberg**, Head of unit, Business Finland
- 9:15 **Ari-Pekka Manninen**, Director, Strategy and operation management department Finnish Transport Infrastructure Agency

SESSION 1

- CHAired BY: **ARI-PEKKA MANNINEN**,
Finnish Transport Infrastructure Agency
- 09:20 **IMPACTS OF CONDITIONAL AUTOMATION OF PASSENGER CARS**
Dr. Satu Innamaa, VTT Technical Research Centre of Finland Ltd.
- 09:35 **IMAGINARIES OF ROAD TRANSPORT AUTOMATION IN FINNISH GOVERNANCE CULTURE—A CRITICAL DISCOURSE ANALYSIS**
Janne Olin, Aalto University
- 09:50 **SITUATION AWARENESS FOR AUTONOMOUS VEHICLES USING BLOCKCHAIN-BASED SERVICE COOPERATION**
Dr. Susanna Pirttikangas, University of Oulu
- 10:05 Break, Networking

SESSION 2

- CHAired BY: **ARI-PEKKA MANNINEN**,
Finnish Transport Infrastructure Agency
- 10:20 **DEEP REINFORCEMENT LEARNING AND CYBER SECURITY FOR AUTONOMOUS VEHICLES.**
Mohamed Korium, LUT University
- 10:35 **PUBLIC TRANSPORT AND AUTOMATED PERSONAL CARS**
Dr. Esko Lehtonen, VTT Technical Research Centre of Finland Ltd.
- 10:50 **UNDERSTANDING THE EMERGENCE OF SHARED E-SCOOTERS: A USER PERSPECTIVE**
Samira Dibaj, Aalto University
- 11:05 **ON THE MODELING OF A SYNTHETIC POPULATION FOR AGENT BASED MODELING – OPEN DATA AND MOBILITY PATTERNS FOR THE CITY OF TALLINN**
Serio Agriesti, Aalto University
- 11:20 Break, Networking

SESSION 3

- CHAired BY: **NINA RAITANEN**,
Finnish Road Association
- 12:00 **RE-THINKING LIFECYCLE – RELEASING INFORMATION FLOW**
Kaisu Laitinen, Tampere University
- 12:15 **A FRAMEWORK FOR POLICY INNOVATION AND INTEGRATION FOR GOVERNING EMERGING MOBILITY TECHNOLOGIES**
Dr. Milos Mladenovic, Aalto University
- 12:30 **INTEGRATED LAND USE AND TRANSPORT PLANNING PROCESSES IN PRACTICE - REFLECTIONS FROM MAL 2019 PLANNING PROCESS**
Oya Duman, Aalto University
- 12:45 **TRAVELERS' SOCIAL ROUTING BEHAVIOR: EVIDENCE FROM SP AND RP EXPERIMENTS IN HELSINKI**
Dr. Shaya Vosough, Aalto University
- 13:00 Break, Networking

SESSION 4

- CHAired BY: **NINA RAITANEN**,
Finnish Road Association
- 13:15 **RESILIENCE OF TRANSPORT INFRASTRUCTURE - A CONCEPTUAL REVIEW**
Prof. Lauri Ojala, University of Turku
- 13:30 **EFFECTS OF THE DOUBLE-RECYCLING ON THE PERFORMANCE PROPERTIES OF ASPHALT PAVEMENT**
Dr. Di Wang, Aalto University
- 13:45 **PRINCIPAL COMPONENT ANALYSIS OF ATR-FTIR SPECTRA, OBTAINED FROM BITUMEN OF VARYING ORIGINS AND GRADES**
Prof. Augusto Cannone Falchetto, Aalto University
- 14:00 Break, Networking

PANEL DISCUSSION

- MODERATED BY: **HANNA VUORINEN**,
Ministry of Transport and Communications
- 14:15 **GENDER DIMENSION IN TRANSPORT - SHAPING THE FUTURE TRANSPORT POLICIES**
- PASI ANTEROINEN**, Finnish Road Safety Council
ELINA BRANDT, Helsinki Region Transport HSL
JARI KAUPPILA, ITF - International Transport Forum
HANNE TIIKKAJA, Tampere University
- 15:15 **CLOSING WORDS**